



Optimal convenience with lowest total cost

F Series

The exceptional LED performance and dramatically low total cost of ownership of the Samsung F10 make it hard to beat. Its premium picture quality, industry-leading brightness, and convenient automatic keystone correction provide brighter colors and more precise images. And, with the world's longest lamp life, it ensures over 50,000 hours of maintenance free projection and unrivaled LED affordability.



The lowest total cost of ownership(TCO) Low environmental impact

With 50,000 hours lamp life(eco mode), F series realize the lowest total cost of ownership. By eliminating both mercury and lamp replacement, we have made the Samsung F10 a cleaner, greener projector. And, with the extreme energy efficiency of LED technology, best power utilization is expected, thereby lessening the environmental impact of long-term use.



Ready to perform

Taking less than 3 seconds to turn on or off, the Samsung F10 is ready to perform whenever you are. Because of its advanced LED technology, the Samsung F10 needs less time to warm up and cool down, helping to maintain a safer operating temperature for the duration of its life.



Automatic keystone correction

To guarantee perfect projection the Samsung F10 features Auto Keystone correction. Keystones occur when a projector is not placed in the center of the projection screen, causing image distortion and stretching. Auto Keystone correction accurately compensates for imprecise projector placement by maintaining a precise projected image.



Clearly more colorful

The Samsung F10 performs at an incredible 1,000 ANSI Lumens, making it a brighter and better LED Data Projector. Comfortably covering over 120% of the color spectrum, it is brighter, clearer, and more colorful, inviting you to enjoy projection that is precise and pure in any environment.



F Series Specification

F10M/F10

Model		F10M	F10
Display	Native Aspect Ratio	4x3	4x3
	Supported Aspect Ratio	4:3, Zoom1, Zoom2, 16:9	4:3, Zoom1, Zoom2, 16:9
	Brightness (Max ANSI lumens)	High Bright: 1000 ANSI Lumens	High Bright: 1000 ANSI Lumens
	Contrast Ratio	2000:1	2000:1
	Display Technology	3 panel LCD(p-Si TFT Active-matrix)	3 panel LCD(p-Si TFT Active-matrix)
	Data Compatibility	VGA, SVGA, XGA, SXGA, UXGA	VGA, SVGA, XGA, SXGA, UXGA
	Video Compatibility	NTSC, NTSC-4.43, PAL, PAL-M, PAL-N, PAL-60, SECAM, 480i, 576i, 480p, 576p, 720p, 1080i	NTSC, NTSC-4.43, PAL, PAL-M, PAL-N, PAL-60, SECAM, 480i, 576i, 480p, 576p, 720p, 1080i
	Native Resolution	XGA	XGA
	Projector Placement	Front Floor, Front Ceiling, Rear Floor, Rear Ceiling	Front Floor, Front Ceiling, Rear Floor, Rear Ceiling
	Lamp Type	LED PT120	LED PT120
	Lamp Wattage	High Bright: Watts / Eco Mode: Watts	High Bright: Watts / Eco Mode: Watts
	Lamp Life	> 50,000 Hours(Eco)	> 50,000 Hours(Eco)
	Picture Mode	Dynamic,Standard, Presentation, Text ,Movie, Game,Bright, User	Dynamic,Standard, Presentation, Text , Movie, Game,Bright, User
	Screen Format	Normal/Zoom1/Zoom2/16:9	Normal/Zoom1/Zoom2/16:9
	Minimum Image Size	40"	40"
	Max Image Size	300"	300"
	Standard Lens Zoom	1.2x	1.2x
	Standard Lens Throw Ratio	1.48(WIDE), 1.78(TELE)	1.48(WIDE), 1.78(TELE)
	Standard Lens Image Offset Ratio	80%	80%
	Standard Lens Projection Distance	F=1.6~1.7, f=23.72~28.50mm	F=1.6~1.7, f=23.72~28.50mm
	Digital Keystone Correction (V)	+20°~-20°	+20°~-20°
Input & Output	DVI	(Requires HDMI to DVI cable)	(Requires HDMI to DVI cable)
	HDMI	Number of Inputs:1	Number of Inputs:1
	Component (RCA)	(Requires D-sub to RCA component cable)	(Requires D-sub to RCA component cable)
	Computer	Number of Inputs:1 (D-sub 15pin)	Number of Inputs:1 (D-sub 15pin)
	S-Video	0	0
	Composite (RCA)	Number of Inputs:1	Number of Inputs:1
	HDCP Support	Yes	Yes
	RS-232	Yes (D-sub 9pin)	Yes (D-sub 9pin)
	USB	0	X
	Stereo RCA Jacks Input	1	1
	Projector Control	Projector Key panel, Remote Control	Projector Key panel, Remote Control
	Speaker	7w Mono	7w Mono
	Monitor Output	1	1
	Audio Output	1	1
Compatibility	Data Compatibility	VGA(640x480), SVGA(800x600), XGA(1024x768), SXGA(1280x1024), UXGA(1600x1200)	VGA(640x480), SVGA(800x600), XGA(1024x768), SXGA(1280x1024), UXGA(1600x1200)
	H-Sync Range	30~80KHz	30~80KHz
	V-Sync Range	56~75Hz	56~75Hz
	Video Compatibility	NTSC, NTSC-4.43, PAL, PAL-M, PAL-N, PAL-60, SECAM480i, 576i, 480p, 576p, 720p, 1080i	NTSC, NTSC-4.43, PAL, PAL-M, PAL-N, PAL-60, SECAM480i, 576i, 480p, 576p, 720p, 1080i
	Product Color	White	White
General	Audible Noise	Eco-Mode: 26 [dB], Bright-Mode: 33 [dB]	Eco-Mode: 26 [dB], Bright-Mode: 33 [dB]
	Actual Dimension (WxDxH, mm)	309.0 * 290.0 * 111.5	309*290*111.5
	Actual Weight (kg)	4.8 Kg	4.8 Kg
	Shipment Dimension (WxDxH, mm)	425.0 * 365.0 * 190.0	425*365*190
	Shipment Weight (kg)	6.0Kg	6.0Kg
	Operating Temperature	5~35° C	5~35° C
	Max Altitude Supported	Max 3000m (Operating)	Max 3000m (Operating)
	Operating Humidity	20% ~ 80% (Non-condensing)	20% ~ 80% (Non-condensing)
	Typical Power Consumption	250W	250W
	Stand By Power Consumption	Under 1W	Under 1W
	Max Power Consumption	270 Watts	270 Watts
	Power Supply	100 - 240 Volts at 50 - 60 Hz	100 - 240 Volts at 50 - 60 Hz
	Menu Language	English,German,Dutch,Spanish,French,Italian,SwedishPortuguese, Russian,Turkish,Thai,Chinese,Korean	English,German,Dutch,Spanish,French,Italian,SwedishPortuguese, Russian,Turkish,Thai,Chinese,Korean

* Design and specifications are subject to change without notice.

Dimension (mm)

